

SEQUENCE LISTING

<110> TAKAKU, Hiroshi
 KUROSAKI, Naoko

<120> Novel antisense oligonucleotide and anti-HIV agent

<130> 2352.008

<140> US 10/549,601
 <141> 2005-09-19

<150> PCT/JP04/003776
 <151> 2004-03-19

<160> 11

<210> 1
 <211> 49
 <212> RNA
 <213> Human immunodeficiency virus type 1

<400> 1
 acgcaggacu cggcuugcug aagcgcgcac ggcaagaggc gaggggagg 49

<210> 2
 <211> 20
 <212> DNA
 <213> Human immunodeficiency virus type 1

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 <222> (1)..(20)
 <223> All internucleotide bonds are phosphorothioate bonds.

<400> 2
 cttcagcaag ccgagtcctg 20

<210> 3
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<210> 4
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 <213> Human immunodeficiency virus type 1

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<400> 4
 tgccgtgcgc gcttcagcaa 20

<210> 5
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<400> 5
 cctcgctct tgccgtgcgc 20

<210> 6
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 <212> DNA
 <213> Human immunodeficiency virus type 1

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<400> 6
 ccctgcctc ttgccgtgc 19

<210> 7
 <211> 20
 <212> DNA
 <213> Artificial Sequence

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 <223> Description of Artificial Sequence: an artificially synthesized random sequence

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<400> 7
 gcgtcatacg tcttgccgac 20

<210> 8
 <211> 20
 <212> DNA
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 <223> Description of Artificial Sequence: an artificially synthesized random sequence

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<400> 8
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<210> 9
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 <212> DNA
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<400> 9
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<210> 10
 <211> 37
 <212> DNA
 <213> Human immunodeficiency virus type 1

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<400> 10
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<210> 11
<211> 129
<212> RNA
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<220>
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<223> 5' terminus of HIV-1 genomic RNA.

<400> 11
ucgacgcagg acucggcuug cugaagcgcg cacggcaaga ggcgaggggc ggcgacuggu 60
gaguacgcca aaauuugacu agcggaggcu agaaggagag agaugggugc gagagcgua 120
guauuaagc 129